

Gateway National Recreation Area

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Gateway National Recreation Area. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Public Use Statistics Program Center to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

Sandy Hook

1. An inductive loop traffic counter is located on the entrance lane to Sandy Hook. The traffic count is reduced for non-recreation vehicles (150 per day), non-reportable vehicles (150 per day), and buses (see table 1). The reduced vehicle count is multiplied by the persons-per-vehicle (PPV) multiplier of 3.2 in the months June through August or 1.9 September through May.
2. The number of recreation use buses is multiplied by the persons-per-bus (PPB) multiplier of 30.
3. The number of walk-ins and bicyclists observed by park staff at the entrance gate.
4. The number of day use boats observed in the park is multiplied by the persons-per-boat (PB) multiplier of 3 in the months May through September or 1 October through April.
5. The number of visitors that arrive by ferry at Sandy Hook.

Great Kills

6. An inductive loop traffic counter is located on the entrance lane to Great Kills at the front gate. The traffic count is reduced for non-recreation vehicles and buses. The reduced vehicle count is multiplied by the PPV multiplier of 1.7.
7. The number of observed vehicles using the dirt road entrance. The vehicle count is multiplied by the PPV multiplier of 1.7.
8. The number of buses is multiplied by the PPB multiplier of 30.
9. The number of walk-ins and bicyclists observed by park staff.
10. The number of day use boats observed at Nichols Great Kills Park Marina and other areas in the park is multiplied by the PB multiplier of 3 in the months May through

September or 1 October through April.

Fort Wadsworth

11. Inductive loop traffic counters are located on the entrance lanes to Fort Wadsworth at the front gate. The traffic counts are summed and then reduced for the number of non-recreation vehicles. The reduced vehicle count is multiplied by the PPV multiplier of 1.7. If the traffic counters are not operating sum the following:

- a. The number of visitors at the visitor center.
 - b. The number of school group visitors.
 - c. The number of public program visitors.
 - d. The number of visitors observed on the overlook.
 - e. The number of visitors at the picnic area.
12. The number of walk-ins and bicyclists observed by park staff at the front gate.
13. The number of visitors observed fishing and at the beach.
14. The number of visitors attending special events who do not cross the traffic counter.

Miller Field

15. The number of visitors at the ranger station.
16. The number of visitors at organized picnics.
17. The number of visitors on the sport fields.
18. The number of visitors attending workshops.
19. The number of visitors observed on roving patrols.
20. The number of visitors attending on site programs.
21. The number of visitors attending special events.

Floyd Bennett Field

22. An inductive loop traffic counter is located on the entrance lane to Floyd Bennett Field. The traffic count is reduced for non-recreation vehicles and buses (this include buses at the main entrance, Ecology Village, and the Environmental Center). The reduced vehicle count is multiplied by the PPV multiplier of 1.7.

23. The number of buses at the main entrance, Ecology Village, and the Environmental

Center is multiplied by the PPB multiplier of 30.

24. The number of walk-ins and bicyclists observed by park staff at the front gate.

25. The number of visitors attending special events that do not cross the traffic counter.

26. The number of fishermen at Dead Horse Bay.

27. The number of day use visitors at Barren Island Marina.

28. The number of visitors at the golf driving range.

29. The number of visitors at Jamaica Bay riding academy.

30. The number of group campers at Ecology Village.

31. The number of overnight visitors at Barren Island Marina. The number of boats staying overnight at the marina is multiplied by the PB multiplier of 3 in the months May through September or 1 October through April.

Wildlife Refugee

32. An inductive loop traffic counter is located on the entrance lane to the Wildlife Refugee. The traffic count is reduced for buses. The reduced vehicle count is multiplied by the PPV multiplier of 2.5.

33. The number of buses is multiplied by the PPB multiplier of 30.

34. The number of visitors to Frank Charles Park.

35. The number of fishermen vehicles observed at the North Channel Bridge parking lot is multiplied by the persons-per-vehicle multiplier of 3 in the months May through September or 1 October through April.

Canarsie Pier

36. The number of observed vehicles at Canarsie Pier. The estimated traffic count is multiplied by the PPV multiplier of 1.6.

37. The number of buses is multiplied by the PPB multiplier of 30.

38. The number of walk-ins and bicyclists observed by park staff.

Riis Park

39. An inductive loop traffic counter is located on the entrance lane to Riis Park. The vehicle count is multiplied by the PPV multiplier of 1.7.

40. The number of walk-ins and bicyclists observed by park staff.

41. The number of Green Bus Line passengers dropped off at Riis Park.

Fort Tilden/Breezy Point

42. An inductive loop traffic counter is located on the entrance lane to Fort Tilden. The traffic count is reduced for buses. The reduced vehicle count is multiplied by the PPV multiplier of 1.6.

43. The number of observed vehicles at Breezy Point. The estimated traffic count is multiplied by the PPV multiplier of 1.6.

44. The number of observed off-road vehicles at Breezy Point Tip. The estimated traffic count is multiplied by the PPV multiplier of 1.6.

45. The number of walk-ins and bicyclists observed by park staff.

46. The number of visitors arriving by ferry.

Plumb Beach

47. The number of visitors to Plumb Beach as observed by park staff.

Table 1
Recreation and Non-recreation Buses per Month

Month	Recreation	Non-recreation
JANUARY	310	240
FEBRUARY	280	240
MARCH	248	240
APRIL	240	240
MAY	248	240
JUNE	300	240
JULY	Actual Count	0
AUGUST	Actual Count	0
SEPTEMBER	240	240
OCTOBER	248	240
NOVEMBER	300	240
DECEMBER	310	240

Non-recreation Visits

Sandy Hook

1. The number of non-recreation vehicles (150 per day) is multiplier by the PPV multiplier of 1.2.
2. The number of non-recreation use buses (see Table 1) is multiplied by the PPB multiplier of 30.

Great Kills

3. The number of non-recreation vehicles is multiplier by the PPV multiplier of 1.6.

Fort Wadsworth

4. The number of non-recreation vehicles is multiplier by the PPV multiplier of 1.7.

Floyd Bennett Field

5. The number of non-recreation vehicles is multiplier by the PPV multiplier of 1.2.

Recreation Visitor Hours

Recreation visitor hours are the sum of the visitors use at each location listed below in Table 2. Each subtotal is the result of multiplying the number of recreation visitors associated at that location by its length-of-stay multiplier. The length-of-stay multipliers are listed as hours.

The total number of overnight stays is multiplied by 24 hours.

Table 2
Length of Stay Multiplier by Month and by Location in Hours

Month	Sandy Hook	Great Kills	Fort Wads	Miller Field	Floyd Bennett	Wildlife Refuge	Canarsie Pier	Riis Park	Fort Tilden	Plumb Beach
JANUARY	2	2.5	2	2.5	1.5	2	2	1.5	1.5	1.5
FEBRUARY	2	2.5	2	2.5	1.5	2	2	1.5	1.5	1.5
MARCH	2	2.5	2	2.5	1.5	2	2	1.5	1.5	1.5
APRIL	2.5	3.5	2.5	3.5	2.5	2.5	2.5	2.5	1.5	2.5
MAY	2.5	3.5	2.5	3.5	2.5	2.5	2.5	2.5	2.5	2.5
JUNE	4	4	4	4	3	2.5	4	4	2.5	4
JULY	4	4	4	4	3	2.5	4	4	2.5	4
AUGUST	4	4	4	4	3	2.5	4	4	2.5	4
SEPTEMBER	4	4	4	4	3	2.5	4	4	1.5	4
OCTOBER	2	2.5	2	2.5	1.5	2	1.5	1.5	1.5	1.5
NOVEMBER	2	2.5	2	2.5	1.5	2	1.5	1.5	1.5	1.5
DECEMBER	2	2.5	2	2.5	1.5	2	1.5	1.5	1.5	1.5

Non-recreation Visitor Hours

The total number of non-recreation visitors is multiplied by 2 hours.

Overnight Stays

NPS Miscellaneous - Youth Group Campground, Camping aboard Boats and Miscellaneous camping events

1. The number of nights stayed by group campers.
2. The number of boats counted as staying overnight is multiplied by the PB multiplier of 3 in the months May through September or 1 October through April.
3. The park has special events in which youth groups spend a night in the park at miscellaneous locations.

Special Use Data

- Line a. Visitors at Jamaica Bay
- Line b. Visitors at Staten Island
- Line c. Visitors at Sandy Hook
- Line d. Traffic on Flatbush Drive
- Line e. Traffic on Crossbay Blvd
- Line f. The number of special events
- Line g. The number of visitors attending special event
- Line n. The number of buses